



Naperville North High School
Course: Auto Tech 1 (1 semester)

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District Mission

To educate students to be self-directed learners, collaborative workers, complex thinkers, quality producers, and community contributors

CTE Mission

In partnership with the community Career and Technical Education (CTE) provides students with real-world experiences. Students will discover and explore their passions which will lead to career opportunities and the development of life skills.

Course Description

Automotive Maintenance is the beginning of the Automotive Program. The course introduces the automobile as a tool to get from point A to B. Being a tool, the automobile requires regularly scheduled maintenance. How a vehicle is maintained and its life maximized will be the emphasis of this course.

Course Standards & Weights

Semester Grade Calculations

Coursework: 90% of Semester Grade

- Knowledge of automotive concepts and terminology: 40%
- Projects and hands-on activities: 40%
- Virtual discussions: 20%

Summative Work: 10% of Semester Grade

Units of Study:

- Makes and Models (S1)
- Safety and Tools (S1 & S2) o 100% score on Exam, Lab exploration
 - Vehicle ID Methods and Under Hood Inspections (S1, S2, S3, & S4)
- Introduction to the car lab, AllData activity
- Lubrication (S1, S2, S3, & S4)
 - Tires (S1, S2, S3, & S4)
 - Brakes (S1, S2, S3, & S4)
 - Steering and Suspension (S1, S2, S3, & S4)
 - Cooling (S1, S2, S3, & S4)
 - Transmissions and Powertrain (S1, S2, S3, & S4)

- Electrical (S1, S2, S3, & S4)
- Used Car Purchasing (S1, S2, & S3)

Grade Calculation Definitions

At Naperville North we define formative and summative work as follows:

- **Formative work** is used to monitor student’s learning to provide ongoing feedback that can be used by students to improve their learning. Examples may include: practice activities, homework, quizzes, etc.
- **Summative work** is used to evaluate student learning at the end of an instructional unit or segment of learning by comparing it against a standard or benchmark.

Grading Practices

Grades communicate each student’s progress toward mastery of goals/standards for the course.

- No extra credit will be issued.
- Any percentage lower than 50% will be put into the grade book as a 50%, the lowest possible grade on completed work (incomplete or work not turned in will receive a grade of 0 in the grade book).
- Violations of academic integrity will be consequence by the administration in collaboration with the DC/teacher.
- Formative work:
 - Accepted up to the end of each unit.
 - Formative work submitted after the due date cannot be penalized more than a total of 10%.
- Summative work:
 - A zero on a summative assessment will only indicate that no attempt was made by the student
 - Summative work submitted after the due date cannot be penalized more than a total of 10% and must be submitted prior to the end of the next unit.

Grading Disbursement

A=100-90%, B=89-80%, C= 79-70%, D=69-60%, F=59-0%

Semester Grade:

- Coursework = 85% (Summatives=90%, Formatives=10%)
- Final Exam =15%

Final Exam Format: Multiple Choice

Academic Integrity Code

District 203 students are challenged to address the academic process enthusiastically, diligently, and most importantly, honestly. It is the responsibility of our students, teachers, and administration to uphold the fundamental academic values of honesty, responsibility, fairness, respect, and trust. The integrity of our district’s academic programs is built upon these principles.

Academic integrity violations include cheating; plagiarism, self-plagiarism or copy infringement; obtaining or providing an unfair

advantage; falsification of documents; unauthorized access to records; and inappropriate collaboration, whether intentional or unintentional. The classroom teacher and administration will collaborate and exercise professional judgment in determining academic integrity violations.

Reassessment Policy

Students will be provided with multiple and varied opportunities to demonstrate mastery of learning standards. The purpose of reassessment is to allow students to demonstrate mastery of course standards in which they remain deficient.

- Students will be required to engage in further learning and reassessment when students do not demonstrate sufficient learning of the course essential standards.
- Students who have demonstrated sufficient learning of the essential standards (but scored below 80%), will be allowed reassessment opportunities on summative assessments if they so choose. To be eligible for reassessment, students must
 - Demonstrate readiness for the summative assessment through the completion of formative work.
 - Complete designated learning experiences as assigned by the teacher, including scheduled appointment with teacher outside class time.
- Reassessments MUST be completed during the next unit of study.
- Project-based assessments that include multiple opportunities for feedback and improvement in the assessment process will represent multiple attempts and be considered a reassessment
- Higher reassessment grades will replace the original assessment score (but will not exceed 80%).

Student Communication

- You are encouraged to communicate with their teacher regarding questions.
- Teachers make every effort to respond to emails and phone calls within 24 hours during the workweek.
- The best way to communicate with teachers is through email; however, if you haven't received a response within 48 hours, please resend the email or call their voicemail. Your email may have been filtered.

Additional Resources for Support

- You can make an appointment with your teacher should you need additional instruction or support in learning material.
- You can attend S.O.S. (Supervised Open Study) in the Learning Commons Monday, Wednesday, and Thursday from 3:15-4:15 to receive extra support or to work on assignments.
- You can drop in to work with a peer tutor during lunch periods or before school in the Literacy Center.


Parents or Guardians Partnership

Naperville North believes in a collective partnership with parents/guardians which provides students the best opportunities for success.

Some ways parents/guardians can support their student's learning are:

- Actively check Infinite Campus for their student's grades.
 - Infinite Campus is a tool to progress monitor student work until the final course grade is posted.
 - Monthly progress grades are posted and represent the current grade of a student in the course at that moment in time.
- Discuss missing assignments, reiterate due dates, help organize folders, materials, assignment notebooks, and review upcoming projects and assessments.

COURSEWORK ASSESSMENT DETAIL	
Assessments may be added or eliminated based on teacher discretion.	
Standard 1: Technical Nomenclature and Theory(50%)	<ul style="list-style-type: none"> • Weekly Discussion Post • Safety Test • Tool and Equipment Quiz • Vehicle Identification Quiz • All Data Test • Lubrication Quiz • Tire and Wheel Identification Quiz • Brakes Quiz • Steering and Suspension Parts Quiz • Cooling Identification Quiz • Transmission and Powertrain Quiz • Electrical Quiz • Used Car Purchasing Activity
Standard 2: Practice and Problem Solving (50%)	<ul style="list-style-type: none"> • Tool and Equipment Test • Vehicle and model specifics. • Lubrication Test • Lubrication Presentation • Engine Build Project

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- Tire Purchasing Project
 - Brake Test
 - Steering and Suspension Presentation
 - Cooling System Failures Test
 - Transmission and Powertrain Research Activity
 - Electrical Activity
 - Used Car Purchasing Activity